

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Southeast				
HARPER COUNTY --- ANTHONY [37.15, -98.03]				
	06/01/07 00:07 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 00:07 CST		0	Source: Public
Several tree limbs were downed.				
SUMNER COUNTY --- 3.0 NNE DOSTER STATION [37.11, -97.70]				
	06/01/07 00:24 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 00:24 CST		0	Source: Amateur Radio
SUMNER COUNTY --- 0.7 S GEUDA SPGS [37.11, -97.15]				
	06/01/07 00:30 CST		0	Hail (0.75 in)
	06/01/07 00:30 CST		0	Source: Trained Spotter
COWLEY COUNTY --- 1.8 ESE RAINBOW BEND [37.16, -97.10]				
	06/01/07 00:38 CST		0	Hail (0.88 in)
	06/01/07 00:38 CST		0	Source: Trained Spotter
COWLEY COUNTY --- 1.8 ESE RAINBOW BEND [37.16, -97.10]				
	06/01/07 00:38 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 00:38 CST		0	Source: Trained Spotter
SUMNER COUNTY --- 0.7 S OXFORD [37.27, -97.17]				
	06/01/07 00:45 CST		0	Thunderstorm Wind (EG 61 kt)
	06/01/07 00:45 CST		0	Source: COOP Observer
SUMNER COUNTY --- 1.8 NE HUNNEWELL [37.02, -97.40]				
	06/01/07 01:00 CST		0	Thunderstorm Wind (EG 61 kt)
	06/01/07 01:00 CST		0	Source: Public
SUMNER COUNTY --- 0.7 S GEUDA SPGS [37.11, -97.15]				
	06/01/07 01:02 CST		0.18M	Thunderstorm Wind (EG 61 kt)
	06/01/07 01:02 CST		0	Source: Trained Spotter
Straight line winds caused extensive damage across the Geuda Springs area. Numerous trees and power poles/lines were downed. Several buildings and residences received major damage. The strong winds ripped off the roof of an old school gymnasium.				
COWLEY COUNTY --- 0.6 E ARKANSAS CITY [37.07, -97.04]				
	06/01/07 01:09 CST		1.50M	Thunderstorm Wind (EG 60 kt)
	06/01/07 01:20 CST		0	Source: Law Enforcement
Straight line winds produced widespread damage across the Arkansas City area. The strong winds downed numerous trees and power lines/poles, inflicted roof damage to several homes and businesses, and blew over a few semi trailers. Several grave stones at the local cemetery were damaged, and 69 power poles and 24 transformers were damaged or destroyed across the Arkansas City area.				
COWLEY COUNTY --- 0.7 S WINFIELD ARPT [37.16, -97.03]				
	06/01/07 01:18 CST		0	Thunderstorm Wind (MG 60 kt)
	06/01/07 01:18 CST		0	Source: ASOS
Winds were measured by the Strother Field ASOS.				
COWLEY COUNTY --- 1.3 ESE CAMERON CITY [37.07, -96.86]				
	06/01/07 01:27 CST		0	Thunderstorm Wind (EG 56 kt)
	06/01/07 01:27 CST		0	Source: Trained Spotter
COWLEY COUNTY --- 4.4 WSW DEXTER [37.16, -96.79]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/01/07 01:35 CST		5K	Thunderstorm Wind (EG 70 kt)
	06/01/07 01:35 CST		0	Source: Trained Spotter
Two trees were uprooted, and a machine shed sustained rather substantial damage.				
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ELK COUNTY --- 0.6 E HOWARD [37.47, -96.26]				
	06/01/07 01:42 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 01:42 CST		0	Source: Law Enforcement
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CHAUTAUQUA COUNTY --- SEDAN [37.13, -96.18]				
	06/01/07 02:03 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 02:03 CST		0	Source: Law Enforcement
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ELK COUNTY --- 2.1 NNE HOWARD [37.50, -96.26]				
	06/01/07 02:08 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 02:08 CST		0	Source: Law Enforcement
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ELK COUNTY --- HOWARD [37.47, -96.27]				
	06/01/07 02:08 CST		0	Flash Flood (due to Heavy Rain)
	06/01/07 20:30 CST		0	Source: Law Enforcement
Numerous thunderstorms moved across Elk County during the predawn hours of June 1st, dumping widespread 3 to 4 inch rainfall amounts across primarily the northwest half of the county. Several roads were flooded and impassable northwest of Howard.				
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ELK COUNTY --- LONGTON [37.38, -96.08]				
	06/01/07 02:25 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 02:25 CST		0	Source: Law Enforcement
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MONTGOMERY COUNTY --- 0.6 E INDEPENDENCE [37.23, -95.71]				
	06/01/07 02:41 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 02:41 CST		0	Source: Trained Spotter
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LABETTE COUNTY --- 1.3 ENE MOUND VLY [37.21, -95.40]				
	06/01/07 03:07 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 03:07 CST		0	Source: Law Enforcement
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WOODSON COUNTY --- 3.4 WNW YATES CENTER [37.90, -95.79], 3.3 N BATESVILLE [37.88, -95.89], 1.0 S BATESVILLE [37.82, -95.88], 3.2 WSW YATES CENTER [37.85, -95.78]				
	06/01/07 03:30 CST		0	Flash Flood (due to Heavy Rain)
	06/01/07 06:30 CST		0	Source: Law Enforcement
Numerous thunderstorms moved across Woodson County during the predawn hours of June 1st, dumping widespread 3 to 5 inch rainfall amounts across primarily the northwest half of the county. Water was reported over Highway 54 west of Yates Center. Storm-total rainfall at Toronto measured 5.28 inches.				
A strong upper level disturbance approaching from the northwest spawned a powerful squall line during the very early morning hours of June 1st. The squall line moved east to southeast across portions of south-central and southeast Kansas, producing high winds and flooding rains in its path. Portions of Sumner and Cowley Counties were hit particularly hard with 70 to 80 winds, which inflicted pockets of substantial property damage.				
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KINGMAN COUNTY --- SPIVEY [37.45, -98.17]				
	06/19/07 18:20 CST		0	Hail (1.75 in)
	06/19/07 18:20 CST		0	Source: Law Enforcement
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KINGMAN COUNTY --- 2.1 SE SPIVEY [37.43, -98.14]				
	06/19/07 18:29 CST		0	Hail (2.00 in)
	06/19/07 18:29 CST		0	Source: Trained Spotter
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KINGMAN COUNTY --- 3.0 SW RAGO [37.42, -98.12]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/19/07 18:55 CST		0	Hail (2.00 in)
	06/19/07 19:20 CST		0	Source: Public
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SEDGWICK COUNTY --- 3.6 WNW CLONMEL [37.59, -97.61]				
	06/19/07 20:50 CST		0	Thunderstorm Wind (EG 52 kt)
	06/19/07 20:50 CST		0	Source: Public
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Tree limbs were downed.				
An upper level disturbance approaching from the west interacted with a frontal boundary across the area to produce scattered strong to severe thunderstorms across portions of south-central Kansas during the evening hours of June 19th.				
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(KS-Z032) RUSSELL, (KS-Z033) LINCOLN, (KS-Z047) BARTON, (KS-Z048) ELLSWORTH, (KS-Z049) SALINE, (KS-Z050) RICE, (KS-Z051) MCPHERSON, (KS-Z052) MARION, (KS-Z067) RENO, (KS-Z068) HARVEY, (KS-Z083) SEDGWICK				
	06/06/07 11:55 CST		34K	High Wind (MAX 51 kt)
	06/06/07 18:53 CST		0	
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A powerful storm system ejecting east into the Plains from the Rocky Mountains developed a deep surface low over the Central High Plains. This low pressure and its associated tight pressure gradient resulted in very strong surface winds from generally along and west of Interstate 135. Parts of Central Kansas saw the highest winds with the Russell Airport sustaining wind gusts as high as 59 mph. Winds were generally in the 50 to 55 mph range for the counties affected but these winds resulted numerous reports of tree damage, power outages and small out buildings blowing down.				
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SUMNER COUNTY --- 0.9 SE CONWAY SPGS [37.39, -97.64]				
	06/01/07 14:22 CST		0	Hail (0.88 in)
	06/01/07 14:22 CST		0	Source: Public
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SUMNER COUNTY --- 2.8 WSW CONWAY SPGS [37.39, -97.70]				
	06/01/07 14:22 CST		0	Hail (1.00 in)
	06/01/07 14:22 CST		0	Source: Trained Spotter
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ELK COUNTY --- 0.7 N LONGTON [37.39, -96.08]				
	06/01/07 16:33 CST		0	Hail (1.25 in)
	06/01/07 16:33 CST		0	Source: Trained Spotter
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ELK COUNTY --- LONGTON [37.38, -96.08]				
	06/01/07 16:37 CST		0	Hail (1.50 in)
	06/01/07 16:37 CST		0	Source: Law Enforcement
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ELK COUNTY --- 0.8 NNW LONGTON [37.39, -96.08], 0.4 NE MOLINE ELK CO ARPT [37.38, -96.27], 1.7 S MOLINE ELK CO ARPT [37.36, -96.27], 1.0 SSW LONGTON [37.37, -96.09]				
	06/01/07 16:44 CST		0	Flash Flood (due to Heavy Rain)
	06/01/07 23:45 CST		0	Source: Law Enforcement
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Flash flooding was reported on highway 160 between Longton and Moline. There were several reports of 4 to 5 inch rainfall amounts during this time.				
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WILSON COUNTY --- FREDONIA [37.53, -95.82]				
	06/01/07 17:00 CST		10K	Lightning
	06/01/07 17:00 CST		0	Source: Newspaper
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Lightning struck a residence in Fredonia and caused damage to wiring, electric equipment and plumbing. Neighboring homes also sustained minor damage to electronics. The Wilson County Citizen contributed to this report.				
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WILSON COUNTY --- 3.4 WSW LAFONTAINE [37.39, -95.91]				
	06/01/07 17:05 CST		0	Hail (1.00 in)
	06/01/07 17:05 CST		0	Source: Amateur Radio
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NEOSHO COUNTY --- CHANUTE [37.68, -95.47]				
	06/01/07 17:06 CST		22K	Lightning
	06/01/07 17:06 CST		0	Source: Newspaper

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Lightning struck a residence in the city of Chanute the evening of June 1st. The Chanute Tribune contributed to this report.				
WILSON COUNTY --- 2.6 NE BUXTON [37.48, -95.89]				
	06/01/07 17:06 CST		0	Hail (1.00 in)
	06/01/07 17:06 CST		0	Source: Trained Spotter
MONTGOMERY COUNTY --- 7.5 ENE SYCAMORE [37.38, -95.60]				
	06/01/07 17:29 CST		0	Hail (1.00 in)
	06/01/07 17:29 CST		0	Source: Trained Spotter
COWLEY COUNTY --- 0.7 S BURDEN [37.31, -96.75]				
	06/01/07 17:54 CST		0	Hail (0.88 in)
	06/01/07 17:54 CST		0	Source: Law Enforcement
COWLEY COUNTY --- 1.4 N BURDEN [37.34, -96.75]				
	06/01/07 18:03 CST		0	Hail (1.00 in)
	06/01/07 18:03 CST		0	Source: Emergency Manager
ELK COUNTY --- LONGTON [37.38, -96.08]				
	06/01/07 18:21 CST		0	Hail (1.00 in)
	06/01/07 18:21 CST		0	Source: COOP Observer
ELK COUNTY --- LONGTON [37.38, -96.08]				
	06/01/07 18:22 CST		0	Hail (1.00 in)
	06/01/07 18:22 CST		0	Source: Law Enforcement
WILSON COUNTY --- 3.8 NNE LAFONTAINE [37.45, -95.82]				
	06/01/07 18:25 CST		0	Hail (1.00 in)
	06/01/07 18:25 CST		0	Source: Trained Spotter
MONTGOMERY COUNTY --- 3.5 NW ELK CITY LAKE [37.31, -95.84]				
	06/01/07 18:45 CST		0	Hail (0.88 in)
	06/01/07 18:45 CST		0	Source: Trained Spotter
WILSON COUNTY --- FREDONIA [37.53, -95.82]				
	06/01/07 18:47 CST		0	Hail (0.88 in)
	06/01/07 18:47 CST		0	Source: Law Enforcement
WILSON COUNTY --- 5.0 NNE NEODESHA MUNI ARPT [37.49, -95.58]				
	06/01/07 19:00 CST		0	Hail (1.00 in)
	06/01/07 19:00 CST		0	Source: Trained Spotter
COWLEY COUNTY --- 1.5 NNE WINFIELD [37.27, -96.97]				
	06/01/07 19:01 CST		0	Hail (1.00 in)
	06/01/07 19:01 CST		0	Source: Law Enforcement
A weak low-level boundary stalled over southern Kansas which triggered thunderstorms with hail and extremely heavy rainfall during the afternoon and evening hours.				
SEDGWICK COUNTY --- 0.7 S GODDARD [37.66, -97.58]				
	06/09/07 23:48 CST		0	Hail (1.00 in)
	06/09/07 23:48 CST		0	Source: COOP Observer
SUMNER COUNTY --- 0.9 NE SOUTH HAVEN [37.06, -97.39]				
	06/10/07 00:15 CST		0	Hail (1.00 in)
	06/10/07 00:15 CST		0	Source: Public
SUMNER COUNTY --- 0.9 NE SOUTH HAVEN [37.06, -97.39]				

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	06/10/07 00:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/10/07 00:15 CST		0	Source: Amateur Radio
HARPER COUNTY --- 1.0 W ATTICA [37.23, -98.25]				
	06/10/07 01:05 CST		0.25M	Flash Flood (due to Heavy Rain)
	06/10/07 05:05 CST		0	Source: Law Enforcement
Harper County Law Enforcement reported a water rescue on Highway 160 just west of Attica. A later report from Law Enforcement indicated that there was 4 feet of water flowing over the highway. Flash flooding was also reported in the town of Harper early in the morning. Numerous washouts were reported across the county. The Harper Advocate contributed to this report.				
HARPER COUNTY --- 1.3 WSW CORWIN [37.07, -98.32]				
	06/10/07 13:15 CST		0	Hail (1.00 in)
	06/10/07 13:15 CST		0	Source: Amateur Radio
COWLEY COUNTY --- 15.0 E ARKANSAS CITY [37.07, -96.78]				
	06/11/07 04:00 CST		35K	Flash Flood (due to Heavy Rain)
	06/11/07 09:30 CST		0	Source: Emergency Manager
Cowley County Emergency Management reported a water rescue near Cowley County State Lake along Highway 166. Emergency crews rescued two individuals who became trapped in a camper on the east side of the lake. The rising water went into the windows of the camper.				
CHAUTAUQUA COUNTY --- CEDAR VALE [37.10, -96.50]				
	06/11/07 05:50 CST		0.10M	Flash Flood (due to Heavy Rain)
	06/11/07 09:30 CST		0	Source: COOP Observer
The CO-OP observer in Cedar Vale measured 7.2 inches of rain which lead to flooding of his residence. 6 inches of rain was also measured in the town of Chautauqua. Flash flooding was also reported in Sedan where numerous city streets were inundated.				
MONTGOMERY COUNTY --- DEARING [37.05, -95.72]				
	06/11/07 07:45 CST		0.11M	Flash Flood (due to Heavy Rain)
	06/11/07 10:45 CST		0	Source: Law Enforcement
Law enforcement reported a county road bridge had washed out near Dearing. Several county roads south of Havana were under water. Highway 175 just north Caney was closed due to water flowing over the highway. Several CO-OP observers in the county between 6 and 7.5 inches of rain overnight.				
ALLEN COUNTY --- 3.0 N HUMBOLDT [37.86, -95.43]				
	06/12/07 07:25 CST		35K	Flash Flood (due to Heavy Rain)
	06/12/07 11:30 CST		0	Source: Law Enforcement
Law enforcement reported 1100 Road was closed between Idaho and Hawaii Roads.				
NEOSHO COUNTY --- 12.0 E CHANUTE [37.68, -95.25]				
	06/12/07 07:40 CST		70K	Flash Flood (due to Heavy Rain)
	06/12/07 11:35 CST		0	Source: Law Enforcement
Numerous roads were closed due to water flowing across them in the northeast portion of the county including Piatt Road near Odense and US Highway 59 west of Stark.				
A slow moving and weak disturbance meandered over Southern and Southeast Kansas. Although there were a few severe storms producing mainly one inch hail and a wind gust to 60 mph, the copious amounts of rain led to numerous flash flooding events.				
COWLEY COUNTY --- WINFIELD [37.25, -96.98]				
	06/28/07 02:01 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 8 to 12 inch rainfall amounts occurred across Cowley County from June 27th through July 1st, heaviest across eastern portions of the county, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
SUMNER COUNTY --- WELLINGTON [37.27, -97.40]				
	06/28/07 02:01 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 09:45 CST		0	Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Widespread 6 to 9 inch rainfall amounts occurred across mainly the eastern half of Sumner County from June 28th through the 30th, producing widespread flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
ELK COUNTY --- HOWARD [37.47, -96.27]				
	06/28/07 13:21 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 14 to 17 inch rainfall amounts occurred across Elk County from June 27th through July 1st, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
CHAUTAUQUA COUNTY --- SEDAN [37.13, -96.18]				
	06/28/07 20:19 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 9 to 11 inch rainfall amounts occurred across Chautauqua County from June 27th through July 1st, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
MONTGOMERY COUNTY --- INDEPENDENCE [37.23, -95.72]				
	06/29/07 01:05 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 6 to 13 inch rainfall amounts occurred across Montgomery County from June 27th through July 1st, heaviest across northern portions of the county, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
ALLEN COUNTY --- IOLA [37.92, -95.40]				
	06/29/07 02:10 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 10 to 13 inch rainfall amounts occurred across Allen County from June 28th through July 1st, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
WILSON COUNTY --- FREDONIA [37.53, -95.82]				
	06/29/07 02:10 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 15 to 20 inch rainfall amounts occurred across Wilson County from June 27th through July 1st, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
WOODSON COUNTY --- YATES CENTER [37.88, -95.73]				
	06/29/07 05:12 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 15 to 18 inch rainfall amounts occurred across Woodson County from June 27th through July 1st, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
BUTLER COUNTY --- AUGUSTA [37.68, -96.98]				
	06/29/07 05:38 CST		0	Flash Flood (due to Heavy Rain)
	06/29/07 16:45 CST		0	Source: Law Enforcement
Widespread 6 to 11 inch rainfall amounts occurred across roughly the southeastern two-thirds of Butler County from June 28th through the 30th, producing flooding and flash flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
GREENWOOD COUNTY --- FALL RIVER [37.60, -96.03]				
	06/29/07 17:10 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 05:15 CST		0	Source: Law Enforcement
Rainfall accumulated 7 to as much as 20 inches across Greenwood County June 28th through the 30th, the heaviest amounts occurring across southeastern portions of the county, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
LABETTE COUNTY --- OSWEGO [37.17, -95.10]				
	06/29/07 21:01 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement

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Widespread 7-10 inch rainfall amounts occurred across Labette County from June 27th through July 1st, heaviest across northern portions of the county, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
NEOSHO COUNTY --- CHANUTE [37.68, -95.47]				
	06/29/07 21:01 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Widespread 11 to 13 inch rainfall amounts occurred across Neosho County from June 27th through July 1st, producing widespread, significant flooding. Please refer to this event in the July 2007 StormData publication for complete details.				
GREENWOOD COUNTY --- FALL RIVER [37.60, -96.03]				
	06/30/07 05:16 CST		0	Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Nuisance flooding was reported across the county.				
CHASE COUNTY --- COTTONWOOD FALLS [38.37, -96.53]				
	06/30/07 06:07 CST		0	Flash Flood (due to Heavy Rain)
	06/30/07 18:00 CST		0	Source: Law Enforcement
Widespread 4 to 8 inch rainfall amounts occurred across mainly the southeastern half of Chase County from June 28th through the 30th, producing widespread flooding of county and secondary roads.				
SUMNER COUNTY --- GEUDA SPGS [37.12, -97.15]				
	06/30/07 09:46 CST		0	Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Nuisance flooding was reported across the eastern part of the county.				
BUTLER COUNTY --- LATHAM [37.53, -96.65]				
	06/30/07 16:46 CST		0	Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Emergency Manager
Nuisance flooding was reported across the county.				
CHASE COUNTY --- RURAL [38.18, -96.57]				
	06/30/07 18:01 CST		0	Flood (due to Heavy Rain)
	06/30/07 23:59 CST		0	Source: Law Enforcement
Nuisance flooding was being reported county wide.				
<p>An upper level low pressure system and associated frontal boundary stalled across the area for several days, resulting in periods of numerous and widespread heavy showers and thunderstorms across portions of south-central and southeast Kansas from early on the 27th until July 1st. Phenomenal rainfall totals occurred during this period, ranging anywhere from 8 inches, to as much as 20 inches, heaviest across southeast Kansas. Excessive runoff produced widespread, catastrophic, record flooding across much of southeast Kansas, particularly in the vicinity of area rivers, streams and creeks. Public, private and crop damage was extensive and at times severe. Hundreds to potentially a few thousand homes and businesses sustained severe flood damage, an incalculable number of roads were closed due to high water, and several bridges were either washed out or sustained damage. Thousands of acres of crops sustained severe damage. Thousands of miles of roads were damaged from the flood waters. Evacuations and water rescues were common, as several towns were for a time surrounded and/or engulfed by flood waters. Water became unsafe, as flood waters inundated water and sewage treatment plants. Thousands of residents were without power for an extended period of time. Several counties were declared federal disaster areas. Public and private damages likely exceeded hundreds of millions of dollars, but exact monetary values will be difficult to nearly impossible to determine. The flooding in Coffeyville enveloped the Coffeyville Resources Refinery. A malfunctioning pump lead to a 71,000 gallon crude oil spill into the Verdigris River, leaving an oily gunk on everything the oil touched, and contaminating the water for miles. One fatality occurred in Coffeyville, when a gentleman refused to evacuate his motel room, despite being warned twice by emergency officials of the impending flood. Please refer to this event in the July 2007 StormData publication for complete details on damages, monetary amounts, injuries and fatalities.</p>				

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KANSAS, Southeast				
ALLEN COUNTY --- IOLA [37.92, -95.40]				
	07/01/07 00:00 CST		6M	Flash Flood (due to Heavy Rain)
	07/02/07 10:03 CST		0	Source: Emergency Manager
Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Allen County. The flash flooding and the ensuing river flooding caused an estimated 3 million dollars in damages to private property and 3 million dollars in damage to public infrastructure. Additionally, the flood water damaged and estimated 8,000 acres of crops. Moderate flooding occurred on the Neosho River with a crest of 26.9 feet recorded at Iola. This was 11.9 feet above flood stage. The river remained above flood stage until the afternoon of July 3rd.				
BUTLER COUNTY --- EL DORADO [37.82, -96.87]				
	07/01/07 00:00 CST		0.11M	Flood (due to Heavy Rain)
	07/01/07 21:22 CST		0	Source: Emergency Manager
Heavy rainfall from the end of June into early July caused flooding throughout Butler County. This resulted in roughly 108 thousand dollars in damage.				
CHAUTAUQUA COUNTY --- SEDAN [37.13, -96.18]				
	07/01/07 00:00 CST		48K	Flash Flood (due to Heavy Rain)
	07/01/07 21:50 CST		0	Source: Emergency Manager
Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Chautauqua County. This resulted in roughly 48 thousand dollars in damage.				
COWLEY COUNTY --- WINFIELD [37.25, -96.98]				
	07/01/07 00:00 CST		0.32M	Flash Flood (due to Heavy Rain)
	07/01/07 21:50 CST		0	Source: Emergency Manager
Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Cowley County. The flash flooding and the ensuing river flooding resulted in roughly 320 thousand dollars in damage. Major flooding was observed on the Walnut River at Winfield with a crest of 35.79 feet recorded the evening of July 1st. This was 17.79 feet above flood stage. The Walnut River at Winfield remained above flood stage until July 3rd. Moderate flooding was also observed on the Walnut River and the Arkansas River at Arkansas City.				
ELK COUNTY --- HOWARD [37.47, -96.27]				
	07/01/07 00:00 CST		27M	Flash Flood (due to Heavy Rain)
	07/01/07 21:50 CST		0	Source: Emergency Manager
Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Elk County. The flooding damaged or destroyed around 400 houses. This led 12 to 42 million dollars in damage. An awesome 21.49 inches of rain fell during the month of June. Much of this fell during the last few days of the month.				
GREENWOOD COUNTY --- EUREKA [37.82, -96.30]				
	07/01/07 00:00 CST		51K	Flood (due to Heavy Rain)
	07/01/07 21:22 CST		0	Source: Emergency Manager
Heavy rainfall from the end of June into early July caused flash flooding throughout Greenwood County. This resulted in roughly 59 thousand dollars in damage.				
LABETTE COUNTY --- PARSONS [37.35, -95.27]				
	07/01/07 00:00 CST		0.54M	Flash Flood (due to Heavy Rain)
	07/02/07 10:03 CST		0	Source: Emergency Manager
Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Labette County. The flash flooding and the ensuing river flooding resulted in 2 homes being destroyed and 11 others suffering major damage. This resulted in roughly 540 thousand dollars in damage. Major flooding was observed at Parsons and Oswego. Parsons recorded a crest of 35.05 feet while Oswego recorded a crest of 30.0 feet. These crests were 14.05 feet and 13 feet above flood stage respectively. The Neosho fell blow flood stage on the July 7th at both locations.				
MONTGOMERY COUNTY --- COFFEYVILLE [37.03, -95.63]				
	07/01/07 00:00 CST	1	81.15M	Flash Flood (due to Heavy Rain)
	07/02/07 10:03 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Montgomery County. The hardest hit areas were Independence and Coffeyville. The flash flooding combined with the ensuing record river flooding along the Verdigris River led to at least 500 homes being destroyed with another 55 sustaining major damages. Businesses in the county reported 23 million in losses and the cost to public infrastructure resulted in another 4 million in damages. Additionally, 43,000 acres of cropland were flooded. The Verdigris River also overtopped a levee protecting the refinery in Coffeyville resulting in an oily toxic mess that inundated areas downstream. The Verdigris River at Independence crested at 52.4 feet in the morning hours of July 1st. This was 22.4 feet above flood stage. At Coffeyville the river crested at 30.7 feet the evening of July 1st which is 12.7 above flood stage. Again, both of these crests were records. The river remained above flood stage for both cities until July 7th. Unfortunately there was one fatality. A 55 year old man was found in the Budget Inn in Coffeyville. An autopsy revealed that the individual died as a result of drowning. This tragedy was compounded by the fact that the individual was warned twice that floodwaters would inundate the hotel but on both occasions the individual refused to leave. The Coffeyville Journal and the Arkansas City Traveler contributed to this report.

Direct Fatalities: M55PS

NEOSHO COUNTY --- CHANUTE [37.68, -95.47]

07/01/07 00:00 CST	12M	Flash Flood (due to Heavy Rain)
07/02/07 10:03 CST	0	Source: Emergency Manager

Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Neosho County. The flash flooding and the ensuing river flooding resulted in roughly 100 homes being destroyed and another 50 sustaining major damage. This resulted in at least 10.5 million dollars in damages. An additional 1.5 million dollars in damage was reported public infrastructure. The Neosho River reached a record crest of 40.6 feet on the morning of July 2nd. This was 11.6 feet above flood stage. Major flooding was seen on the Neosho at Chanute when a crest of 36.82 feet was recorded on the morning of July 1st. The Neosho inundated the city of Chanute with some areas under as much as 7 to 8 feet of water. The river remained above flood stage at Chanute until July 4th and at Erie until July 5th.

SUMNER COUNTY --- OXFORD [37.28, -97.17]

07/01/07 00:00 CST	0	Flood (due to Heavy Rain)
07/01/07 21:48 CST	0	Source: Law Enforcement

WILSON COUNTY --- FREDONIA [37.53, -95.82]

07/01/07 00:00 CST	21.60M	Flash Flood (due to Heavy Rain)
07/02/07 10:03 CST	0	Source: Emergency Manager

Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Wilson County. The flash flooding and the ensuing river flooding led to approximately 500 homes sustaining major damage which resulted in an estimated 15 million dollars in damage. Additionally, 6.6 million dollars of damage was done to public infrastructure. The Fall River at Fredonia had a record crest of 41.12 feet on the morning of June 30th. This is 24.12 feet above flood stage. The river fell below flood stage early in the morning of July 2nd.

WOODSON COUNTY --- YATES CENTER [37.88, -95.73]

07/01/07 00:00 CST	71K	Flash Flood (due to Heavy Rain)
07/01/07 15:04 CST	0	Source: Emergency Manager

Extremely heavy rainfall from the end of June into early July caused flash flooding throughout Woodson County. This resulted in roughly 71 thousand dollars in damage.

An upper level low pressure system and associated frontal boundary stalled across the area for several days, resulting in periods of numerous and widespread heavy showers and thunderstorms across portions of south-central and southeast Kansas from early on the 27th until July 1st. Phenomenal rainfall totals occurred during this period, ranging anywhere from 8 inches, to as much as 20 inches, heaviest across southeast Kansas. A few the most extreme and measured rainfall reports from June 28th - 30th were 18.29 inches at Fredonia, 12.47 inches at Independence, 11.70 inches at Iola, 9.18 inches at Chanute, 8.63 inches at Erie and 8.40 inches at Coffeyville. Excessive runoff produced widespread, catastrophic, record flooding across much of southeast Kansas, particularly in the vicinity of area rivers, streams and creeks. Hardest hit were the Verdigris and Fall Rivers, where record flooding was observed at Fall River, Independence and Coffeyville. The Neosho River was also hard hit with record flooding observed at Erie and major flooding observed at Chanute, Parsons and Oswego. Public, private and crop damage was extensive and at times severe. Hundreds to potentially a few thousand homes and businesses sustained severe flood damage, an incalculable number of roads were closed due to high water, and several bridges were either washed out or sustained damage. Thousands of acres of crops sustained severe damage. Thousands of miles of roads were damaged from the flood waters. Evacuations and water rescues were common, as several towns were for a time surrounded and/or engulfed by flood waters. Water became unsafe, as flood waters inundated water and sewage treatment plants. Thousands of residents were without power for an extended period of time. Several counties were declared federal disaster areas. Public and private damages likely exceeded hundreds of millions of dollars, but exact monetary values will be difficult to nearly impossible to determine. The flooding in Coffeyville enveloped the Coffeyville Resources Refinery. A malfunctioning pump lead to a 71,000 gallon crude oil spill into the Verdigris River, leaving an oily gunk on everything the oil touched, and contaminating the water for miles. One fatality occurred in Coffeyville, when a gentleman refused to evacuate his motel room, despite being warned twice by emergency officials of the impending flood.

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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